



भारत का राजपत्र

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इस भाग में मिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 3rd August, 1991

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The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

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Bombay-400 013.

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Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

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Telegraphic address "PATENTOFIC".

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Bldg.,
5th, 6th and 7th Floor,
234/4, Acharya Jagdish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by Bank Draft or Cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकरण

कलकत्ता, दिनांक 3 अगस्त 1991

पेटेंट कार्यालय के कार्यात्मकों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में स्थित है तथा अम्बाई, विल्सनी एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रावेशिक क्षेत्राधिकार ओन के आधार पर निम्न रूप में प्रवर्णित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तला, लोडर परेज (पश्चिम),
अम्बाई-400 013

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोदा,
हमन तथा विष एवं बादरा और भगर विल्सनी।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
इकाई सं० 401 से 405, तीसरा तला,
नगरपालिका आजार भवन,
सरस्वती मार्ग, करोल आग,
गई विल्सनी-110 005

हारियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा
ठार प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र खंडीगढ तथा विल्सनी।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,

61, वालाजाह रोड,
मद्रास-600 002

आंध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्ष्मीपुर, मिनिकॉय तथा एमिनिविषि द्वीप।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय अमृतलीय कार्यालय
भवन 5, 6 तथा 7वा तला,
234/4, आवार्य जगदीश बोस रोड,
कलकत्ता-700 020

भारत का अवशेष क्षेत्र

तार पता—“पेटेंटोस”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अवायगी या तो नकार की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को सुगतान योग्य अनावेश अथवा ढाक आदेश या जहाँ उपयुक्त कार्यालय स्थित है, उस स्थान के अनुसूचित बैक से नियंत्रक को सुगतान योग्य बैक ढाफ्ट अथवा बैक ढारा की जा सकती है।

THE PATENT OFFICE PATENTS & DESIGNS

CORRIGENDUM

In the Gazette of India, Part-III, Section 2, dated the 4th May, 1991 under the heading “PATENTS SEALED” include the numbers 167102 and 167133.

In the Gazette of India, Part-III, Section-2 :—

1. In Page No. 191, Column-2, dated the 14th March, 1987—under the heading ‘CESSATION OF PATENTS’

Delete the Patent No. 139167;

2. In Page No. 700, Column-2, dated the 27th June, 1987—under the heading ‘CESSATION OF PATENTS’

Delete the Patent No. 139500;

3. In Page No. 391, Column-1, dated the 14th April, 1990—under the heading ‘CESSATION OF PATENTS’

Delete the Patent No. 151804;

4. In Page No. 726, Column-1, dated the 7th July, 1990—under the heading ‘CESSATION OF PATENTS’

Delete the Patent Nos. 151910 and 151925.

THE FOLLOWING PERSONS HAVE BEEN REGISTERED AS A PATENT AGENT UNDER SUB-SECTION (1)(c)(i) OF SECTION 126 OF THE PATENTS ACT, 1970

1. Shri A. A. Mohan,
M/s. King & Partridge,
Catholic Centre,
2nd Floor,
64, Armenian Street,
Madras-600 001.

2. Mrs. D. Shanthi,
64, Armenian Street,
Madras-600 001.

3. Shri Alok Mohan,
Trade Mark Registration Bureau,
Patent & Trade Mark Attorneys,
1, Netaji Subhas Road,
Calcutta-700 001.

4. Shri Ramchandra R. Mandhane,
Lalji Ramji Building,
3rd floor,
240/242, Narshi Natha Street,
Bhat Bazar,
Bombay-400 009.

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed
Under Section 135, of the Patents Act, 1970.

The 21st June, 1991

472/Cal/91 Gigi Products, Inc. Scrub puff.

The 24th June, 1991

473/Cal/91 Voest-Alpine Eisenbahnsysteme Gesellschaft M.b.h.
A process for measuring axle and bearing tem-
peratures in order to identify hot wheels.

474/Cal/91 E.I.Du Pont De Nemours and Company. Continuous
Catalyzed vapor phase dimeric cyclic ester process.

475/Cal/91 E.I.Du Pont De Nemours and Company. Improved
drying with improved physical performance of photo-
graphic films.

476/Cal/91 Owens-Corning Fiberglas Corporation. Glass size
compositions and glass fibers coated therewith.

477/Cal/91 The Research Foundation for Microbial Diseases.
Non-A, Non-B hepatitis virus particles.

478/Cal/91 The Babcock & Wilcox Company. Non-welded
attachment tube support lug casting.

479/Cal/91 Timex Corporation. Two hand movement for time-
piece having a stepping motor.

The 25th June, 1991

480/Cal/91 Healtech S.A. Method and apparatus for the unitocal
and permanent connection of containers for medical
use to given patient.

481/Cal/91 General Electric Company. Reheat steam cycle for a
steam and gas turbine combined cycle system.

482/Cal/91 Krone Aktiengesellschaft. Protective circuit and pro-
tective plug for telecommunication installations.

483/Cal/91 Advanced plastics Partnership. Core removal from
molded products.

484/Cal/91 Jose Pires Ribeiro. Equipment for holding serum
container.

485/Cal/91 Eaton Corporation. Axle housing support bracket
assembly.

PROCEEDING UNDER SECTION 27 OF THE PATENTS
ACT, 1970

In pursuance of the proceeding under Section 27 of the Patents
Act, 1970 on refusal to the grant of a Patent on Patent Application
No. 165662 made by Shri S. M. Anandvel, Madras, a Patent has
been ordered to be sealed subject to amendment of the Complete
Specification.

PATENTS SEALED

158123 161068 161466 162145 166098 166099 166211 166231 166232
166233 166234 166235 166236 166237 166238 166239 166240 166355
166359 166424 166430 167023 167136 167199 167204 167370 167394

CAL— 7
DEL— 6
MAS—13
BOM— 1

AMENDMENT PROCEEDING UNDER SECTION-57

Proposed amendments under Section 57 of the Patents Act,
1970 in respect of Patent No. 167344 as advertised in the Gazette of
India dated 22-12-1990 have been allowed.

Proposed amendments under section 57 of the Patents Act,
1970 in respect of Patent Application No. 166930 (898/Mas/88) as
advertised in the Gazette of India dated 3-11-90 have been allowed.

Notice is hereby given that Mr RAJENDRA SINGH
CHAWHAN, an Indian at 4E/101, Damoder Park, L. B. S. Road,
Ghatkopar (W), Bombay-86, Maharashtra, India, have made
application under Section 57 of the Patents Act, 1970 for amend-
ment of address for service in Patent Application/complete
specification in respect of Patent Application No. 33/BOM/1989
(168713) for "an automatic electronic device for detecting L.P.G.
leakage/flame failure and stopping the gas supply." The application
for amendment and proposed amendment can be inspected free of
charge at the Patent Office Branch, Todi Estate, IIIrd Floor, Sun
Mill Compound, Lower Parel (W), Bombay-400013, on any work-
ing day during the usual office hours or copies of the same can be
had on payment of the usual copying charges. Any person inter-
ested in opposing the application for amendment may file the notice
of opposition on the prescribed form—30 alongwith full written
statement within three months from the date of this notification of
the Patent Office Branch, Bombay.

If full written statement of opposition is not filed with the
notice of opposition it should be filed within one month from date
of filing the said notice of opposition.

Notice is hereby given that SANTRADE LIMITED, a Com-
pany, having its registered office at Alponquai 12,6002 Luzern, Swit-
zerland, has made application under section 57 of the Patents Act,
1970 for change of address for service in application for patent
application No. 155/BOM/1987 (168811) "process and apparatus
for the purification of contaminated sulphur". The application for
amendment and proposed amendment can be inspected free of
charge at the Patent Office Branch, Todi Estate, IIIrd Floor, Sun
Mill Compound, Lower Parel (W), Bombay-400013, on any work-
ing day during the usual office hours or copies of the same can be
had on payment of the usual copying charges. Any person inter-
ested in opposing the application for amendment may file the notice

OPPOSITION PROCEEDINGS

An Opposition has been entered by Trade and Industry Private
Limited to the grant of a Patent on Application No. 167982 made
by Steelsworth Private Limited.

of opposition on the prescribed form—30 alongwith full written statement within three months from the date of this notification of the Patent Office Branch, Bombay.

If full written statement of opposition is not filed with the notice of opposition it should be left within one month from the date of filing the said notice of opposition.

Notice is hereby given that Shri Ravindrakumar Ramjibhai Yadav, of Plot No. 723/1/A, Shivam Society, Sector-21, Gandhinagar-382021, has made application under Section 57 of the Patents Act 1970 for amendment of address in for Patent/Complete Specification for Patent Application No. 28/BOM/1988 (168711) for "Refrigerator-cum-water cooler". The application for amendment and proposed amendments can be inspected free of charge at the Patent Office Branch, Todi Estate, IIIrd Floor, Sun Mill Compound, Lower Parel (W), Bombay-400013, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendments may file the notice of opposition on the prescribed form—30 alongwith full written statement within three months from the date of this notification at the Patent Office Branch, Bombay.

If full written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice of opposition.

Notice is hereby given that MOSAL ALUMINIUM ELKEM A/S & CO., Middelthunsgate 27, 0304 Oslo 3, Norway, have made an application under Section 57 of the Patents Act, 1970, for amendment of Application and specification of their application for Patent No. 168589 for "AN ELECTROLYTIC CELL SUITABLE FOR MOLTEN SALT ELECTROLYSIS AND A METHOD FOR PRODUCING THE SAME". The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on prescribed Form-30 within 3 months from the date of the Notification at the Patent Office, Madras-2. If the written statement of Opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said Notice.

RENEWAL FEES PAID

147962 149073 150072 150083 150779 151352 151663 151709 152170
 152331 152332 152333 152372 152472 152602 152705 152814 152846
 153472 153829 154434 154475 154476 154496 154716 154834 155066
 155071 155170 155423 155488 155696 155815 156002 156075 156167
 156191 156193 156242 156264 156318 156328 156335 156384 156450
 156497 156680 156972 156974 157126 157143 157238 157754 157940
 158207 158274 158285 158321 158409 158546 158547 158596 158822
 158827 159783 160022 160049 160251 160310 160371 160393 160394
 160395 160397 160593 160623 160626 160628 160651 160672 160710
 160789 160864 160895 160897 161181 161184 161198 161251 161311
 161352 161354 161355 161431 161556 161579 161580 161712 161749
 161817 161898 161958 162009 162034 162142 162203 162232 162467
 162543 162545 162632 162633 162721 162722 162884 162990 163042
 163044 163122 163123 163126 163479 163491 163684 163723 163797
 163872 164048 164116 164193 164194 164286 164500 164505 164674
 164716 164718 164795 164796 164798 164799 164820 164821 164829
 164873 164874 164880 165074 165077 165134 165179 165180 165194
 165247 165401 165408 165423 165477 165478 165479 165480 165547
 165561 165583 165738 166079 166361 166502 166675 166765 166784
 166785 166832

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at

any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुबान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की लिपि से 4 महीने या अधिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र-14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कसी भी नियंत्रक, एकस्थ को ऐसे विरोध की सूचना विहित प्रपत्र-15 पर दे सकते हैं। विरोध सम्बन्धी लिखित घटकाव, उक्त सूचना के साथ अधिवा पेटेंट नियम, 1972 के नियम 36 में व्याख्यित हसकी लिपि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संवर्ग में नीचे दिए वर्गीकरण, मार्तीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप हैं।"

नीचे सूचीगत विनिर्देशों की सीमित संख्यक में मुद्रित प्रतिरूप, मार्त सरकार बुक डिपो, 8, किरण शाक राय रोड, कलकत्ता में विक्रय हेतु यथासमय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु 0 है (यदि मार्त के आडार में जाए तो अतिरिक्त ढाक छाप)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग पत्र के साथ निम्नलिखित सूची में यथाप्रवर्णित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतिरूप, यदि कोई हो, के साथ विनिर्देशों की टकित अधिवा कोटो प्रतिरूपों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रमार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अवायगी पत्र की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुण करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रमार 4/- रु 0 है) फोटो लिप्यान्तरण प्रमार का परिकलन किया जा सकता है।

CLASS : 206 E
Int Cl. : H 04 L 19/00.

168971

A DATA TRANSMISSION SYSTEM.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY.

Inventors : (1) GUNTHER KERSCHNER, (2) KARL-HEINZ MICHELS-KROHN, (3) JOSEF UNTERGRUBER.

Application No. 648/Cal/1986, filed on August 26, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

A data transmission system having a plurality of control devices connected by at least one clock-controlled transmission loop operated directionally dependent, each control device including:

means for generating data signals for transmission to a group of other control devices from control device to control device;

means for generating a first entry preceding said data signals having a receiver address identifying all control devices in said group and a block start identifier;

means for generating a last entry following said data signal identifying the control device emitting said data signals and having a block end identifier;

means for emitting said first entry, said data signals, and said last entry as a singal block to said loop for transmission around said loop to all other control device;

means, upon receipt of a signal block, for re-emitting said signal block unmodified to said loop if the receiving control device is not a control device in said group;

means, upon receipt of said signal block, if the receiving control device is a control device in said group, for copying said signal block for possible processing, means for cancelling the block end identifier in the last entry of the received signal block means for adding a new last entry having an address identifying the receiving control device, and acknowledgement of receipt of said signal, and new block end identifier corresponding to the cancelled block end identifier, and means for re-emitting said signal block to said loop with the new last entry, and means after said signal block has been transmitted around said loop with new last entries successively added thereto for copying said signal block to interpret said signal block with regard to the new last entries;

means for cancelling said block start identifier after copying of said signal block; and

means for examining said signal block upon receipt thereof enabling reception of said signal block by a control device only if said block start identifier is present in said signal block.

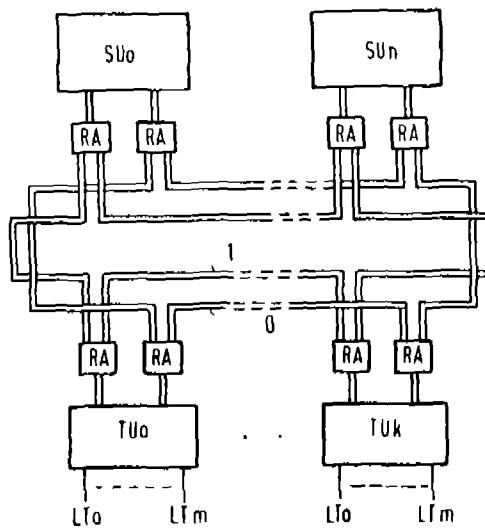


Fig. 1

Compl. Specn. 27 Pages.

Draws. 5 Sheets.

CLASS : 131-B
Int Cl. : E 21 b 17/00.

168972

DRILL STRING COMPONENTS ADAPTED TO BE CONNECTED AS PART OF A ROTARY DRILL STRING AND A ROTARY DRILL STRING HAVING SAID COMPONENT.

Applicant & Inventor : ROY LELAND DUDMAN, OF HIGHWAY 80 SOUTH, LULING, TEXAS 78648, U.S.A.

Application No. 904/Cal/1986, filed on December 11, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

A drill string component adapted to be threadedly connected as part of a rotary drill string which extends downwardly within a well bore to a drill bit at its lower end, comprising,

a tubular joint having a body portion which extends a major portion of the entire length of the component and which is of uniform outside diameter throughout substantially its entire length,

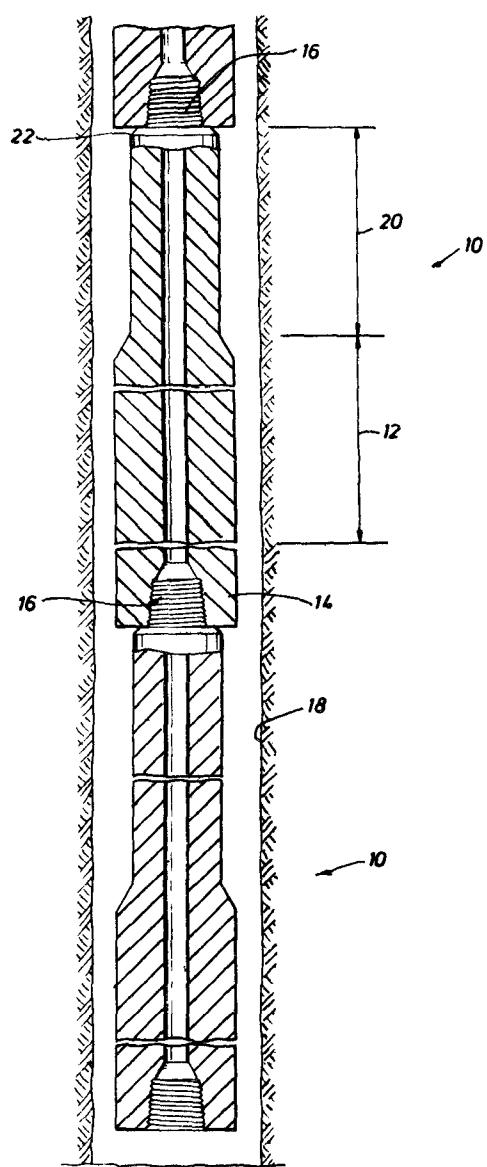
a box portion including a box at the lower end of the body portion, and

a pin portion at the upper end of the body portion including a pin and a fishing neck having a uniform outside diameter which extends downwardly from the pin and which is smaller than the outside diameter of the box portion,

each of the box and pin having threads of the same size and type for connecting with similarly threaded drill string components.

CLASS :206-I, E
Int. Cl. · H 04 b 1/00.

168973



Compl. Specn. 11 Pages.

Drg. 1 Sheet.

DEVICE FOR TRANSFERRING BINARY INFORMATION
BETWEEN A CENTRAL UNIT AND MODULAR PERI-
PHERAL ASSEMBLIES VIA A BUS SYSTEM.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WIT-
TELSBACHERPLATZ 2, D-8000, MUNCHEN, 2, WEST
GERMANY.

Inventor : JOACHIM BURY.

Application No. 85/Cal/1987, filed on January 28, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents
Rules, 1972), Patent Office, Calcutta.

19 Claims

A device for transferring binary information between a central unit and modular peripheral assemblies via a bus system, wherein the bus system comprises a serial ring shift register, and further comprises an interface unit connecting the bus system and the peripheral assemblies which permits parallel transfer of the individual binary information interposed between each peripheral assembly and the bus system.

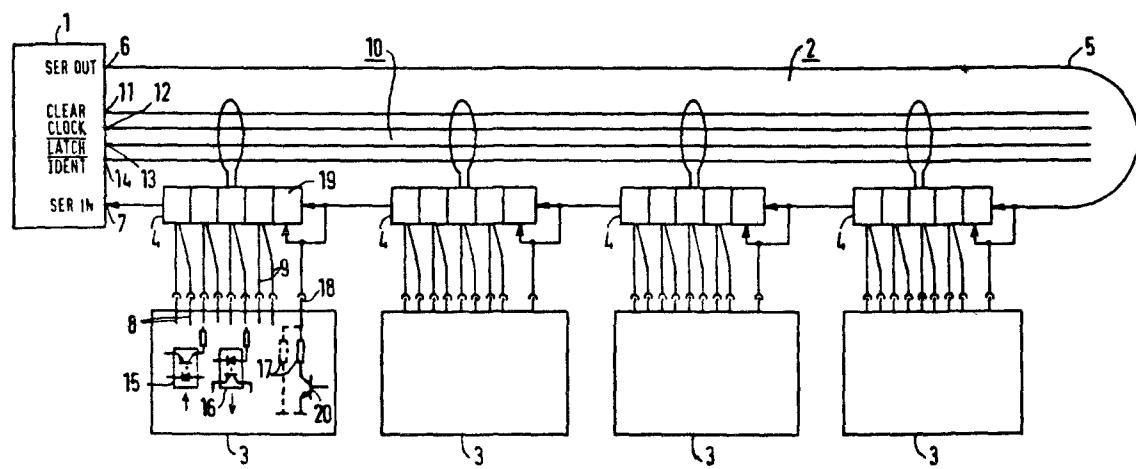


Fig. 1

Compl. Specn. 18 Pages.

Drgs. 4 Sheets.

CLASS : 13-C.
Int. Cl. : B 65 d 21/00.

168974

9 Claims

STACKABLE TRAY.

Applicant : IBEROAMERICANA DEL EMBALAJE S.A., SAN VICENTE DEL RASPEIG (ALICANTE), SPAIN.

Inventors : (1) FRANCISCO IBORRA GUIJARRO, (2) EMILIO MUR GIMENO

Application No. 325/Cal/1987, filed on 23rd April, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

14 Claims

A stackable tray comprising a preformed blank including a base portion and peripheral edge folded to define side walls (2, 3, 4, 5) characterised by that any two opposite side walls (say 4, 5) comprising a second inside partition (6, 7) by further folding of the side thereby forming a double wall with the front piece and in the region of the fold on their upper border a wide, longitudinal, practically continuous ledge for supporting the base of another tray placed above it; said edge portions forming at each corner into a projection at the upper edge and a recess at the lower edge formed by the outer wall and so arranged that the projections are receivable into the recesses of an overlaying tray.

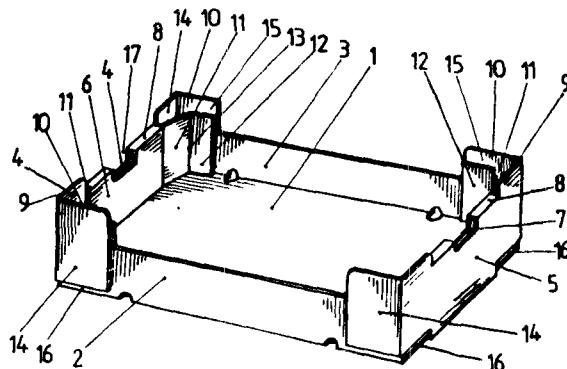


Fig. 1

Compl. Specn. 15 Pages.

Drgs. 3 Sheets.

CLASS : 70-C4.
Int. Cl. : C 25 d 3/00, 3/52, 3/54.

168975

METHOD OF COATING ARTICLES OF ALUMINUM.

Applicant : RUDOLF HRADCOVSKY, OF 27 WEST BEACH STREET, LONG BEACH, NEW YORK 11561, U.S.A.

Inventor : RUDOLF HRADCOVSKY.

Application No. 411/Cal/1987, filed on 25th May, 1987.

Convention dated 21st April, 1987; No. 535171; Canada.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

A method of coating a product formed from aluminum or an aluminum alloy predominating in aluminum with a hard, adherent, smooth, uniform and corrosion-resistant coating, which method comprises immersing the product alloy in an aqueous electrolytic solution, providing a second metal body with which said product alloy is to be coated in said solution and applying an electric potential between the product as an anode and the body as a cathode characterized in that the solution comprises a peroxide, a water-soluble carboxylic group-containing organic acid, a water-soluble fluoride, and a silicon compound from the group consisting of alkali metal silicate and hydrofluosilicate acid.

Compl. Specn. 26 Pages.

Drg. NIL.

CLASS : 32-F4.
Int. Cl. : C 07 d 251/38.

A PROCESS FOR THE PRODUCTION OF SULPHUR-CONTAINING TRIAZINE COMPOUNDS.

Applicant : DEGUSSA AKTIENGESELLSCHAFT, OF 6000 FRANKFURT AM MAIN, WEISSFRAUENSTRASSE 9, F.R. GERMANY.

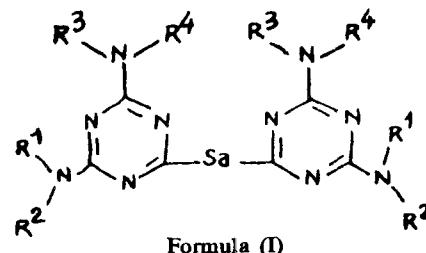
Inventors : (1) ULRICH DESCHLER, (2) GEORG HELLWIG, (3) RUDOLF MICHEL, (4) PETER KLEINSCHMIT, (5) SIEGFRIED WOLFF.

Application No. 668/Cal/1987, filed on 25th August, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

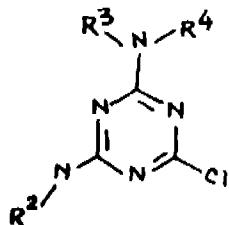
3 Claims

A process for the production of sulphur containing triazine compounds corresponding to the general formula (I) of the accompanying drawings

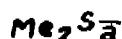


in which R¹, R² represent H, R² represents benzyl, R², R⁴ represent C₁-C₈-alkyl, allyl, C₃-C₈ cycloalkyl, the latter being unsubstituted or being substituted with from 1-3 methyl groups, 2-hydroxy-ethyl, 3-hydroxypropyl, 2-hydroxypropyl or R³ and R⁴ (together) represent C₄-C₆-alkylene, -(CH₂-CHX₂)_aY in which X represents H, CH₃, and Y represents O, S, S₁ represents a polysulphane chain containing from 2 to 10 S atoms (that is to say 2 ≤ a ≤ 10), wherein the individual polysulphanes are present in such concentrations that the statistical average a assumes whole or fractional numerical values from 2 to 5, characterised in that a triazine compound corresponding to the general formula II in which R¹, R², R³, R⁴ have the meaning given above is reacted with a compound dissolved in aprotic polar solvent, in particular water, or mixtures thereof with water corresponding to the formula III in

which Me represents the ammonium or an alkali metal cation and \bar{a} represents the statistical mean value such that $2 < \bar{a} < 5$, in a molar ratio of from 2:1 to 2:1.1 at a temperature of from 80 to 140°C and the product is separated in known manner from the reaction mixture formed.



Formula (II)
Compl. Specn. 17 Pages.



Formula (III)
Dry. 1 Sheet.

CLASS : 34-A.
Int. Cl. : D 01 f 11/00.

168977

CONTINUOUS PROCESS FOR PREPARING POLYESTER DRAW-TEXTURING FEED YARNS.

Applicant: E.I. DU PONT DE NEMOURS AND COMPANY, LOCATED AT WILMINGTON, DELAWARE, U.S.A.

Inventor: CECIL EVERETT REESE.

Application No. 722/Cal/1987, filed on 9th September, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

A continuous process for preparing polyester draw-texturing feed yarns, involving the steps of first forming a molten polyester by reaction, in the presence of catalysts such as herein described

thereof, (a) of ethylene glycol with terephthalic acid and/or esters thereof, followed by (b) polycondensation and then melt-spinning the resulting molten polyester into filaments and withdrawing them at a speed of about 3,000 to 4,000 mpm to provide partially oriented yarns of low crystallinity, wherein the polyester is modified by introducing into the polymer as a solution in ethylene glycol a substance selected from the group consisting of trimelic acid, trimellitic acid or an ester thereof in amount approximately as indicated by the line AB of Figure 1 of the accompanying drawings.

Compl. Specn. 30 Pages.

Dry. 1 Sheet.

CLASS : 157-D₆₆
Int. Cl. : E 01 b 3/00.

168978

CAST IRON SLEEPER WITH BUILT IN ANCHORAGES (HOOKS) FOR RAIL TRACT.

Applicant: ATTIVITA' INDUSTRIALI TRIESTINE S.P.A., OF V. LE C. PRETORIO 122—00185 ROMA, ITALY.

Inventor: DE CARLI FULVIO.

Application No. 896/Cal/1987, filed on 13th November, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

3 Claims

Cast iron sleeper for use in railway tracks, said sleeper (1) being provided with anchorages (2) at the top surfaces near its ends for obtaining the anticipated gauge and for securing the rails to the said sleeper with conventional fastening means interacting with said anchorages (2) and the flange portion of the rails, characterised in that the rail sleeper (1) and the anchorages (2) are cast as one piece.

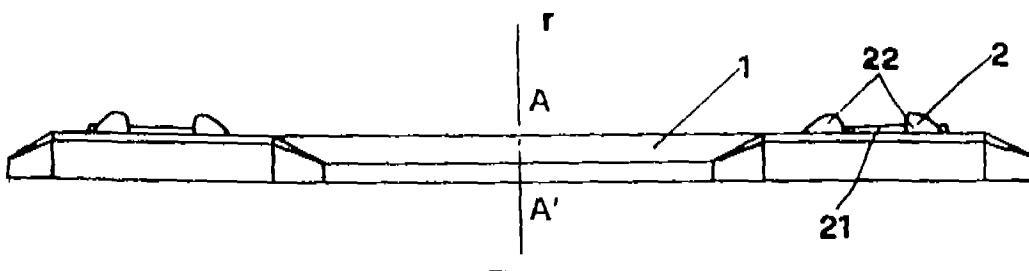


Fig. 1

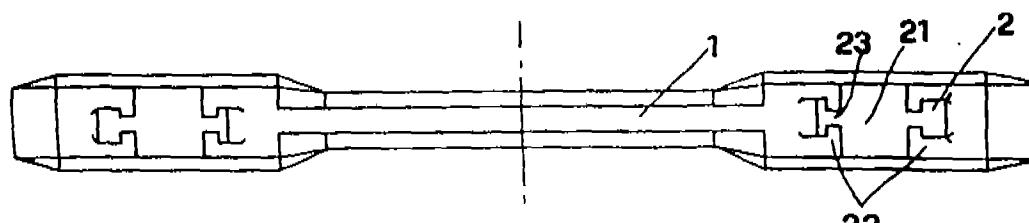


Fig. 3

Compl. Specn. 8 Pages.

Dry. 3 Sheets.

CLASS : 145-D
Int. Cl. : D 21 f 5/00

168979

METHOD AND AN APPARATUS FOR MAKING A PAPER WEB HAVING SUBSTANTIALLY UNIFORM PROPERTIES ON BOTH SURFACES.

Applicant : BELOIT CORPORATION, OF P.O. BOX 350, BELOIT, WISCONSIN 53511, U.S.A.

Inventors : (1) OSAMU SANKODA, (2) ISAO OHNISHI.

Application No. 940/Cal/1987, filed on 1st December, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

An apparatus for marking a web (1A) having uniform properties on both surfaces, said apparatus comprising at least two dryer and surface pressing sections, namely a first single tier dryer cum pressing section (A1) having a first plurality of dryer drums (2A, 2A', 2A'') rotating in a first direction (20) for simultaneously drying

and pressing a first side (8A) of the web (1A), said first section (A1) including a first plurality of suction rolls (3A', 3A'') rotating in a second direction (22) opposite to said first direction (20), said suction rolls (3A', 3A'') being disposed between adjacent dryer drums of said first plurality of dryer drums (2A, 2A', 2A''), first dryer felt means (4A) for conveying the web (1A) in a serpentine path along said dryer drums (2A, 2A', 2A'') and said suction rolls (3A', 3A''), and a second single tier dryer cum pressing section (B1) disposed downstream relative to said first section (A1) and having a second plurality of dryer drums (6A, 6A', 6A'') rotating in said second direction (22) for drying a second side (9) of the web (aA), said second dryer section (B1) including a second plurality of suction rolls (7A', 7A'') rotating in said first direction (20) and disposed between adjacent dryer drums of said second plurality of dryer drums (6A, 6A', 6A'') second dryer felt means (4A') for conveying the web (1A) in a serpentine path along said second plurality of dryer drums (6A, 6A', 6A'') and said second plurality of suction rolls (7A', 7A''), and means (3A'', 5A, 7A, 12) for guiding said first and second felt means (4A, 4A') in close proximity to each other between said first and said second dryer sections (A1, B1) so as to sandwich the web (1A) between said first and said second felt means (4A, 4A') to effect a controlled transfer of the web (1A) from said first felt means (4A) to said second felt means (4A').

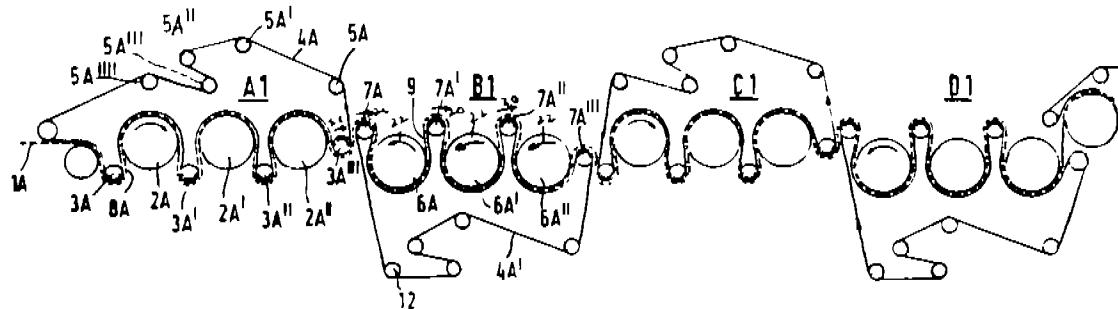


Fig. 2

characterized in that the fastening arm (2) at the end of carrier arm (1) is fitted with a transverse support arc (3) provided with an element (4) movable along an arcuate path and fitted with a longitudinal support arc (5), the latter being provided with a mounting plate (6) for torch (8), said mounting plate being movable along an arcuate path, whereby the radii of the arcuate paths of support arcs (3, 5) are equal and their centers are equally far from the center line of carrier arm (1) at an axial distance from each other.

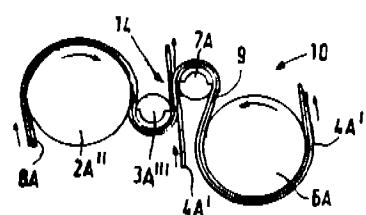


Fig. 3

Compl. Specn. 18 Pages.

Drg. 1 Sheet.

CLASS : 129-Q
Int. Cl. : B 23 k 5/24.

168980

APPARATUS FOR MAKING DIVERGENT CUTS CHAMFERED RELATIVE TO A CUTTING SURFACE BY MEANS OF TORCH CUTTING.

Applicant & Inventor : LEO LARIKKA, TAKKATIE 7 A, 00370 HELSINKI, FINLAND.

Application No. 944/Cal/1987, filed on 2nd December, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

An apparatus for making divergent cuts chamfered relative to a cutting surface, e.g. welding chamfers, by means of torch cutting particularly in the internal cutting of cylindrical sheets, such as pipes, said apparatus comprising a torch (8) mounted on a fastening arm (2) at the end of carrier arm (1), said carrier arm (1) being adapted to be axially movable and rotatable around its axis,

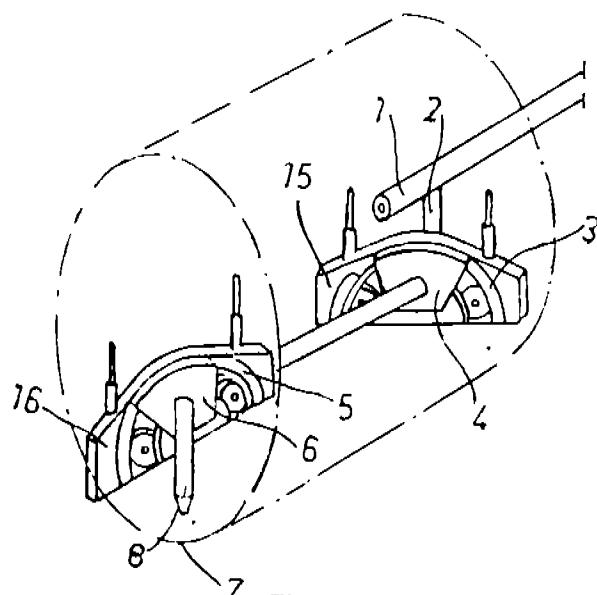


Fig. 1

Compl. Specn. 9 Pages.

Drgs. 2 Sheets.

CLASS : 32 A1
Int. Cl. : C 09 B 62/04 62/09.

PROCESS FOR PREPARING A WATER-SOLUBLE DISAZO COMPOUNDS.

Applicant : HOECHST AKTIENGESELLSCHAFT, D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

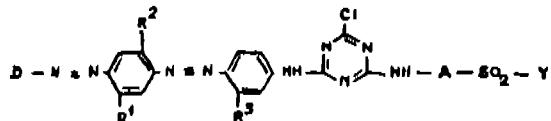
Inventors : (1) FRITZ MEININGER, (2) HANS HELMUT STEUERNAGEL.

Application No. 48/Cal/1987, filed on 15th January, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

14 Claims

A process for preparing a water-soluble disazo compound which conforms to the formula (1) of the accompanying drawings in which



Formula (1)

D is the 4, 8-disulfonaphth-2-yl, the 4, 6, 8-trisulfonaphth-2-yl or 2, 5-disulfophenyl radical;

R¹ is a hydrogen atom, an alkyl group of 1 to 4 carbon atoms, an alkoxy group of 1 to 4 carbon atoms, the ureido group or an alkanoylamino group of 2 to 5 carbon atoms;

R² is a hydrogen atom, an alkyl group of 1 to 4 carbon atoms or an alkoxy group of 1 to 4 carbon atoms;

R³ is a hydrogen atom, an alkyl group of 1 to 4 carbon atoms, an alkoxy group of 1 to 4 carbon atoms, the ureido group or an alkanoylamino group of 2 to 5 carbon atoms;

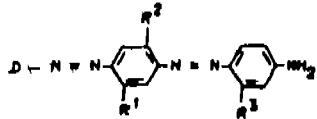
A is a phenylene radical which can be substituted by 1 or 2 substituents from the group alkyl of 1 to 4 carbon atoms, alkoxy of 1 to 4 carbon atoms, chlorine, bromine, carboxy and sulfo;

Y is the vinyl group or an ethyl group which is substituted in the B-position by a substituent which is eliminatable under alkaline conditions, which comprises reacting, in any desired order, 2, 4, 6-trichloro-1, 3, 5-triazine with an aniline compound of the formula (2)



Formula (2)

in which A and Y have the abovementioned meanings, and with an aminodisazo compound of the formula (3)



Formula (3)

in which D, R¹, R² and R³ have the abovementioned meanings, in equimolar amounts.

168981

CLASS : 17 C B9
Int. Cl. : D 01 G 7/04, 7/06, 7/10.

168982

A FIBER BALE OPENER.

Applicant : TRUTZSCHLER GMBH & CO. KG. OF DUVENSTR. 82-92, D-4050 MONCHENGLADBACH 3, WEST GERMANY.

Inventors : (1) FERDINAND LEIFELD, (2) JOSEF TEMBURG.

Application No. 94/Cal/1987, filed on 30th January, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

A fiber bale opener including a downwardly open housing adapted to be supported above fiber bales to be opened and accommodating an opening roller having an axis and being arranged for detaching fiber tufts from upper bale surfaces and a suction duct through which fiber tufts detached by the opening roller are adapted to be removed by a suction air stream flowing therethrough; said suction duct being bounded by two lateral walls facing one another and being spaced from one another in a direction parallel to said axis; one said lateral wall having an upwardly extending first oblique air guiding face and the other lateral wall having an upwardly extending second oblique air guiding face; the improvement wherein said first oblique air guiding face projects into said suction duct to an extent of between one-fourth and one-third of a width dimension of said suction duct measured parallel to said axis at a location adjacent said opening roller and further wherein said second oblique air guiding face has a lower guiding face part arranged generally symmetrically to said first oblique air guiding face relative to an imaginary center plane of said suction duct oriented perpendicular to said axis whereby travelling paths of air stream from opposite longitudinal ends of said opening roller towards said center line are of approximately equal length; and further wherein said second oblique air guiding face has an upper guiding face part adjoining an upper end of said lower guiding face part and extending upwardly therefrom at an orientation different from that of said lower guiding face part.

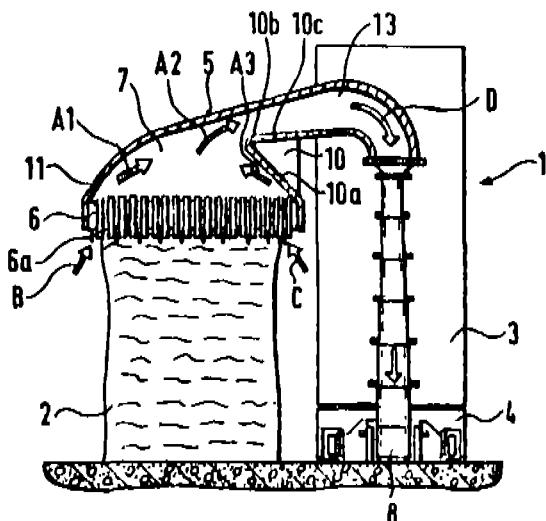


Fig. 1

CLASS : 9D + 9F
Int. Cl. : C 22 C 38/00.

168983

PROCESS FOR THE MANUFACTURE OF AUSTENITIC STEEL WITH IMPROVED HIGH TEMPERATURE STRENGTH AND CORROSION RESISTANCE.

Applicant: CENTRO SVILUPPO MATERIALI SPA OF SEDE SOCIALE E IMPIANTI, 00129 ROMA, VIA DI CASTEL ROMANO, 100/102, CASELLA POSTALE 10747, ROMA, ITALY.

Inventors: (1) SERGIO VACCHIANO, (2) GIOVANNI LANFRANCO, (3) ROBERTO GUBIOTTI

Application No. 209/Cal/1987, filed on 12th March, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

Process for the manufacture of austenitic steel by a method known per se said steel having improved high-temperature strength and corrosion resistance, and comprising the following elements in % by weight :

0.40	—	0.65	Carbon
0.35	—	0.60	Nitrogen
2.0	—	3.0	Manganese
22.0	—	24.0	Chromium
7.5	—	8.5	Nickel
0.7	—	1.3	Molybdenum
0.6	—	1.2	Vanadium
0.7	—	1.5	Niobium
up to	—	0.3	Silicon
up to	—	0.03	Sulphur
up to	—	0.025	Phosphorous
Iron and minor impurities to 100.			

characterised by the following treatments in combination :

solubilization, preparation of the piece, aging; the solubilization comprising heating to a temperature between 1130 and 1230°C for between 0.2 and 3 hours, the aging comprising a heating treatment at temperatures between 650 and 870°C, and holding for between 40 and 0.5 hours followed by air cooling, being performed on the austenitic steel.

Compl. Specn. 18 Pages.

Drg. NIL.

CLASS : 173 A
Int. Cl. : B 05 B 17/00.

168984

AN ATOMIZING NOZZLE.

Applicant : PROJECTS & DEVELOPMENT INDIA LIMITED, OF P.O. SINDRI, PIN 828122, DHANBAD, BIHAR, INDIA.

Inventors: (1) DR. ALAKH DHARI PANDEY, (2) MR. KAJAL KUMAR MALICK, (3) DR. PRAKASH CHANDRA PANDEY.

Application No. 345/Cal/1987, filed on 29th April, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

19 Claims

An atomizing nozzle which comprises a nozzle holder having an inlet for gaseous medium and an inlet for liquid medium in flow communication with one another characterized by the improvement wherein a guide unit is disposed within the said nozzle holder for guiding the gaseous stream in the desired direction of flow, a jet unit is held to the said nozzle holder through a jet holder unit, a spraying unit is held to said jet holder unit in the flow direction of the jet and spaced from the said jet.

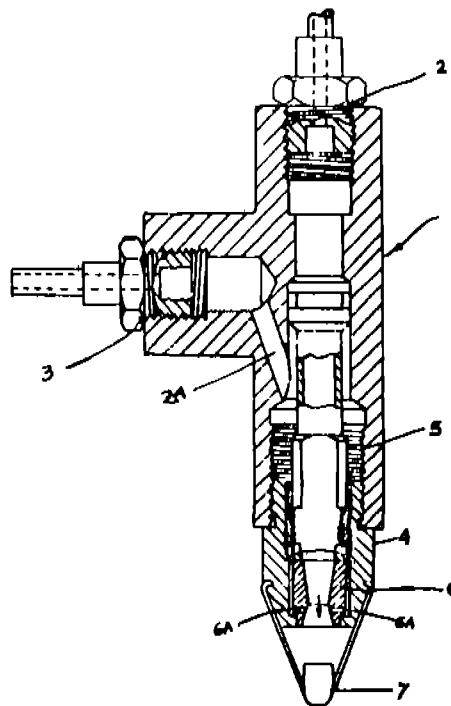


Fig. 1

Compl. Specn. 17 Pages.

Drgs. 2 Sheets.

CLASS : 14 C, D; 70 A+B, C4

168985

Int. Cl. : H 01 M 10/44, 10/46, 10/50, 10/52, H 02 J 7/00, 7/02, 7/04, 7/10, C 25 D 5/18.

A BATTERY CHARGER.

Applicant : ADAPTIVE INSTRUMENTS CORPORATION, OF 2450 CENTRAL AVENUE, BOULDER, COLORADO 80301, U.S.A.

Inventor : HUGH PATRICK ADAMSON.

Application No. 504/Cal/1987, filed on 30th June, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

A battery charger characterized in that it comprises

a voltage source (1, 2, 3, 20) including a diode (23) which periodically applies current in a first direction through the battery

in response to the voltage of the voltage source being greater than the voltage across the battery so that the diode is forward biased; and

a discharge circuit (10, 11, 9, 12, 14, 8) periodically which receives current from the battery in a direction opposite to said first direction in response to the voltage across the battery being

greater than the voltage of the voltage source so that the diode is reverse biased; and

whereby the voltage of the voltage source, V_{SET} , is adjusted so that $V_{RP} + V_{D2} > V_{SET}$ where V_{RP} equals the end point voltage to which the battery is charged and V_{D2} equals the upper voltage limit of the logarithmic region of operation of the diode.

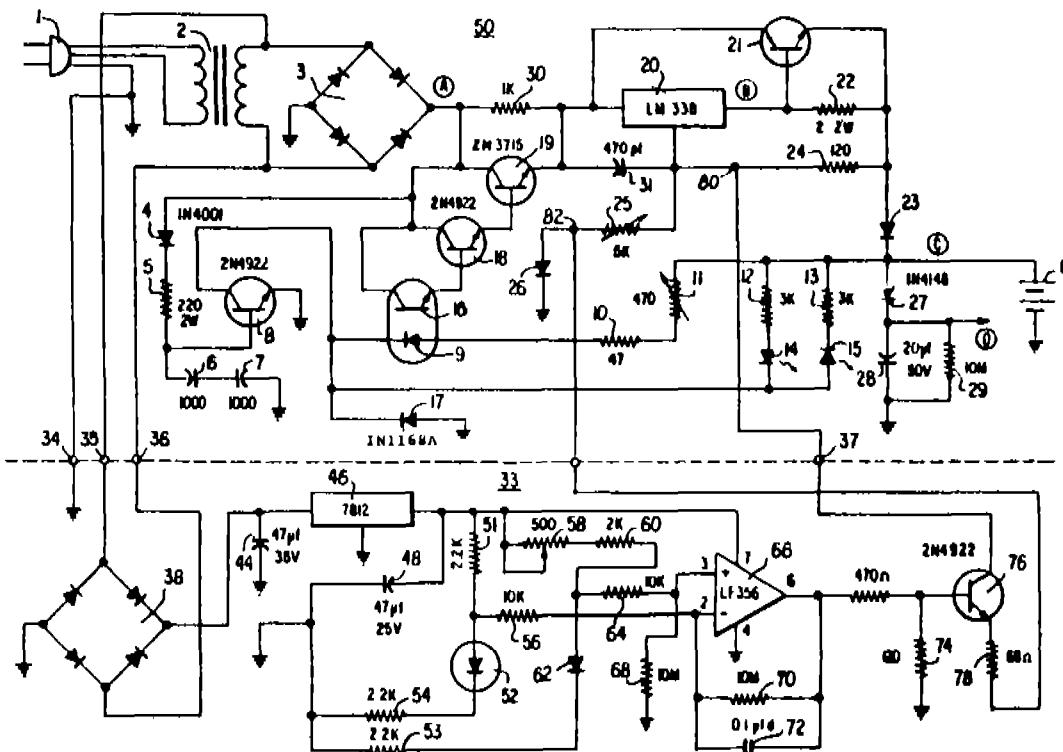


Fig. 1

Compl. Specn. 17 Pages.

Dry 1 Sheet

CLASS : 34 C; 90 F₁; 155 B C E
Int. Cl. : D 04 H 1/00.

168986

Application No. 625/Cal/1987, filed on 11th August, 1987.

PROCESS FOR PRODUCING A TANGLED FIBRE MATERIAL FROM GLASS FIBRES AND POLYMER FOR THE PRODUCTION OF GLASS FIBRE-REINFORCED PLASTIC MOULDINGS AND APPARATUS FOR PERFORMING THE PROCESS.

Applicant: MENZOLIT GMBH. OF BAHNHOFSTR 31, D-7527 KRAICHTALMENZINGEN, WEST GERMANY.

Inventors: (1) GERD EHNERT, (2) MANFRED EHLERS, (3) GERHARD SAUER, (4) KLAUS VOGEL.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

26 Claims

Process for producing a tangled fibrous material, from cut glass fibre bundles and a polymer-based binder, as the starting product for the production of glass fibre-reinforced plastic mouldings, characterized in that the glass fibre bundles are vortexed and filamented in a turbulent air flow and the binder is added in powder form, at least during vortexing.

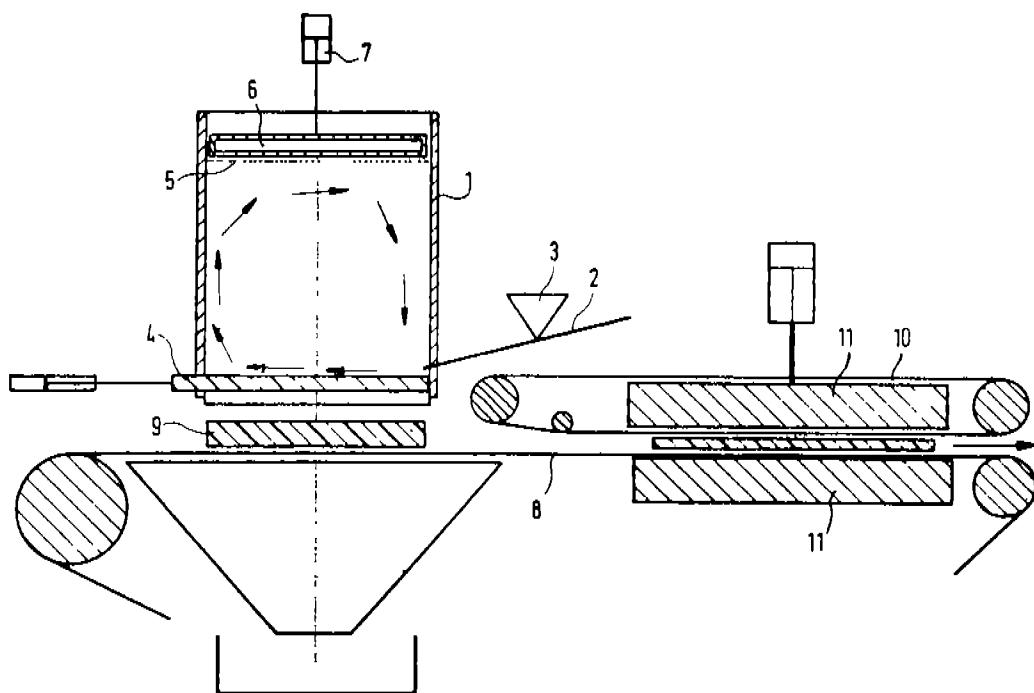


Fig. 2

Compl. Specn. 8 Pages.

Draws. 5 Sheets.

CLASS : 166 A

Int. Cl. : B 63 B 39/00.

AN ANTI-ROLL DEVICE FOR USE IN STABILIZING
SMALL WATER-BORNE VEHICLES.

Applicant & Inventor: ALLADA KRUPAKARA RAO,
HOUSE NO. 916 KUMAR CHUBURI BY LANE, HOUSE OF
SHANKAR PHUKAN KUMAR CHUBURI, KACHARIGAON,
TEZPUR-784001, INDIA.

Application No. 794/Cal/1987, filed on 12th October, 1987.

Complete specification left on 11th October, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents
Rules, 1972), Patent Office, Calcutta.

15 Claims

An anti-roll device for use in stabilizing small water-borne vehicles comprising a bow-jet type pump adapted to be driven by the engine of the water-borne vehicle and adapted to draw water through an opening in the vehicle's bottom surface and push the water into an enclosure, said enclosure having control means adapted to control the direction of flow of water either to the port side or the starboard side of the water-borne vehicle, each of the port side and the starboard side having suitable fin/fins fixed on the vehicle's outer surface, said enclosure on the star board side and on the port side having ducts to convey the water drawn by the said bow-jet pump to the inside cavity of the fins the outer surface of the fins facing the sea water having a plurality of orifice openings, from where the water issues through the orifices in the form of jets into the external sea/rough water, thereby the resulting

168987

reaction force lifts this side of the vessel to right itself from the previous effect of this side being lowered due to the roll, thus achieving stabilization of the vessel from the effect of roll in rough water.

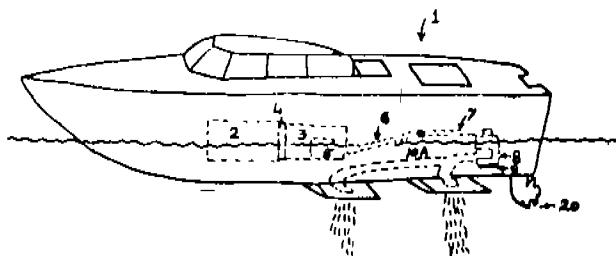


Fig. 4

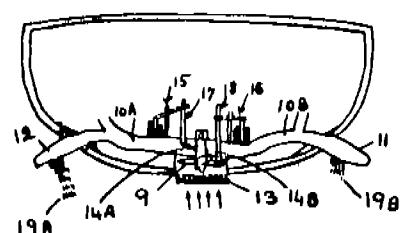


Fig. 5

Compl. Specn. 19 Pages.
Prov. Specn. 10 Pages.

Compl. Drg. 1 Sheet.
Prov. Drgs. 3 Sheets.

CLASS : 39 C, 40 B

Int. Cl. : B 01 J 8/00, 25/00, 29/00.

168988

PROCESS FOR PREPARING A CATALYST COMPOSITION.

Applicant: ENGELHARD CORPORATION, OF DELAWARE, UNITED STATES OF AMERICA, HAVING ITS PRINCIPAL OFFICE AT CN 40, MENLO PARK, EDISON, NEW JERSEY 08818, UNITED STATES OF AMERICA.

Inventors: (1) PAUL F. SCHUNBERT, (2) CAROL A. ALTOMARE.

Application No. 753/Cal/1987, filed on 22nd September, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

15 Claims

A process for preparing a catalyst composition comprising a first cracking catalyst component such as herein described which is capable of cracking petroleum feedstock and a second component which is at least one low surface area anhydrous, calcined metallo silicate such as herein described or metallo aluminium silicate such as herein described that is present in porous particles in amounts of between 2 to 90%, to improve the metals tolerance of said first component, the process comprising forming microspheres composed of a mixture of hydrous kaolin clay calcined to undergo the characteristic exothermic reaction and particles of at least one anhydrous metallo-silicate or metallo-aluminium silicate such as herein described, calcining said microspheres at a temperature above 1350°F to convert said hydrous kaolin to metakaolin, immersing said microspheres in a sodium silicate solution and heating until crystals of sodium zeolite Y crystals form, thereby forming microspheres containing both crystals of sodium zeolite Y and said anhydrous metallo-silicate or metallo silicate.

Compl. Specn. 49 Pages.

Drg. NIL.

CLASS : 187 A
Int. Cl. : H 05 K 7/02.

DEVICE FOR CONNECTING CABLE WIRES TO CUTTING/CLAMPING CONTACTS OF DROPOUT CONNECTOR BANKS OF TELECOMMUNICATION SYSTEMS.

Applicant: KRONE AKTIENGESELLSCHAFT, OF BEES-KOWDAMMA 3-11, D-1000 BERLIN 37, WEST GERMANY.

Inventors: (1) DIETER GERKE, (2) LUTZ BIEDERSTET, (3) EBERHARD KLAIBER.

Application No. 924/Cal/1987, filed on 25th November, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

Device for connecting cable wires to cutting/clamping contacts of dropout connector banks of telecommunication devices by means of a press-in tool (3, 20, 21) provided with guide (9) and press-in pieces (10), characterized by that the actuating face of the press-in tool (3, 20, 21) has an application body (11, 32), in particular for receiving a striking or lever tool (screwdriver 4), said application body (11, 32) being arranged immediately adjacent above to the guide and press-in pieces.

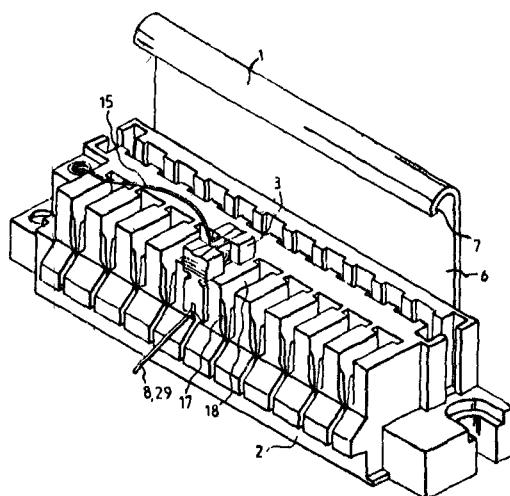


Fig. 1

Compl. Specn. 11 Pages.

Drgs. 2 Sheets.

CLASS : 148 B
Int. Cl. : G 03 B 17/26.

168990

AN IMPROVED CAMERA.

Applicant: W. HAKING ENTERPRISES LIMITED, OF 981 KING'S ROAD, NORTH POINT, HONG KONG.

Inventor: KWOK YAN CHAN.

Application No. 205/Cal/1987, filed on 12th March, 1987.

Conventional dated 28th August, 1986 No. 516988 (Canada).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

An improved camera for use with a cassette having lobeshaped laterally projecting dispensing and take-up end sections respectively forming therein a film dispensing chamber and a take-up chamber, said take-up chamber including a take-up spool having an externally accessible drive gear attached thereto, said lobeshaped sections being interconnected by a substantially straight conduit-forming section interconnecting the dispensing and supply sections, said camera including a housing with shutter cocking and release means and user-operated film winding means, said housing having a cassette insertion aperture at the back thereof which exposes the rear interior of said housing and means for releasably retaining an inserted cassette, the rear interior of said housing having at one portion thereof an imaging station for receiving said conduit-forming section of an inserted cassette and having adjacent to said imaging station at least partial take-up section accepting chamber configured to accept said cartridge take-up section, said take-up section-accepting chamber of said housing having gearing means coupled to said film winding means for engaging and driving said take-up spool drive gear, the improvement comprising

said housing being configured so that at least the outermost end of said cassette dispensing section of said inserted cassette extends beyond the maximum lateral dimension of said housing, said housing including a wall disposed between said imaging station and the confronting inner portion of said dispensing section of an inserted cassette.

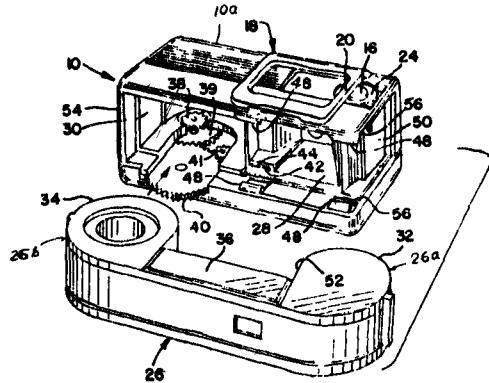


Fig. 2

Compl. Specn. 13 Pages.

Drugs. 2 Sheets.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. No. 162831. Suresh Gobindram Kewalramani, Indian National of 9-Gulab, 14/3, Carter Road, Bandra (West), Bombay-400050, Maharashtra, India. "Coupling". January 14, 1991.

Class 1. Nos. 162892 & 162893. Jayant Rangildas Gandhi, Indian of B-3, Sardar Smruti, S.V.P. Road, Shanti Nagar, Borivali (West), Bombay, Maharashtra, India. "Locking Device". February 7, 1991.

Class 1. No. 163020. Eagle Flask Industries Ltd. of Talegaon-410507, Distt. Pune, Maharashtra, India, Indian Co. "Flask". March 14, 1991.

Class 1. No. 163083. Prof. Gian Chand Chadha trading as Zukoo Engineers, G. T. Road, Model Town, Ambala City, Punjab, India, Indian. "Door Closure". March 25, 1991.

Class 1. No. 163185. Modular Systems Pvt. Ltd. of 303, New India Industrial Estate, Off Mahakali Caves Road, Andheri (East). Bombay-400093, Maharashtra, India. "Constitutional Element". April 30, 1991.

Class 1. Nos. 163186 & 163187, Stellar Modular Systems Pvt. Ltd. of 303, New India Industrial Estate, Off Mahakali Caves Road, Andheri (East), Bombay-400093, Maharashtra, India. "Constructional Element". April 30, 1991.

Class 3. No. 162909. Solar Flask, 42-Basti Harpool Singh, Delhi-110006, India, Indian Proprietorship Firm. "Flask". February 15, 1991.

Class 3. Nos. 162952 & 162954. Boys Town Crafts of Boys Town, Tirumangalam-626706, Madurai District, Tamil Nadu, India. "Massaging Device". February 27, 1991.

Class 3. No. 162823. Asha Handicrafts, 84, Marol Co-operative Industrial Estate, Mathuradas Vasanji Road, Marol, Andheri (E), Bombay-400059, Maharashtra, India. Indian Partnership Firm. "Casserole". January 8, 1991.

Class 3. No. 162897. Herbertsons Limited of Ewart House, 22, Homi Mody Street, Bombay-400023, Maharashtra, India, Indian Co. "Bottle". February 11, 1991.

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